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Cooking Energy and the SE4All Agenda

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June 28, 2013

Bonn Cooking Energy Forum

SE4All Access Goals: Current Status and Recent Trends

Target by 2030:
100% electrification

Current Status:
~20% lack access
30% rural unelectrified

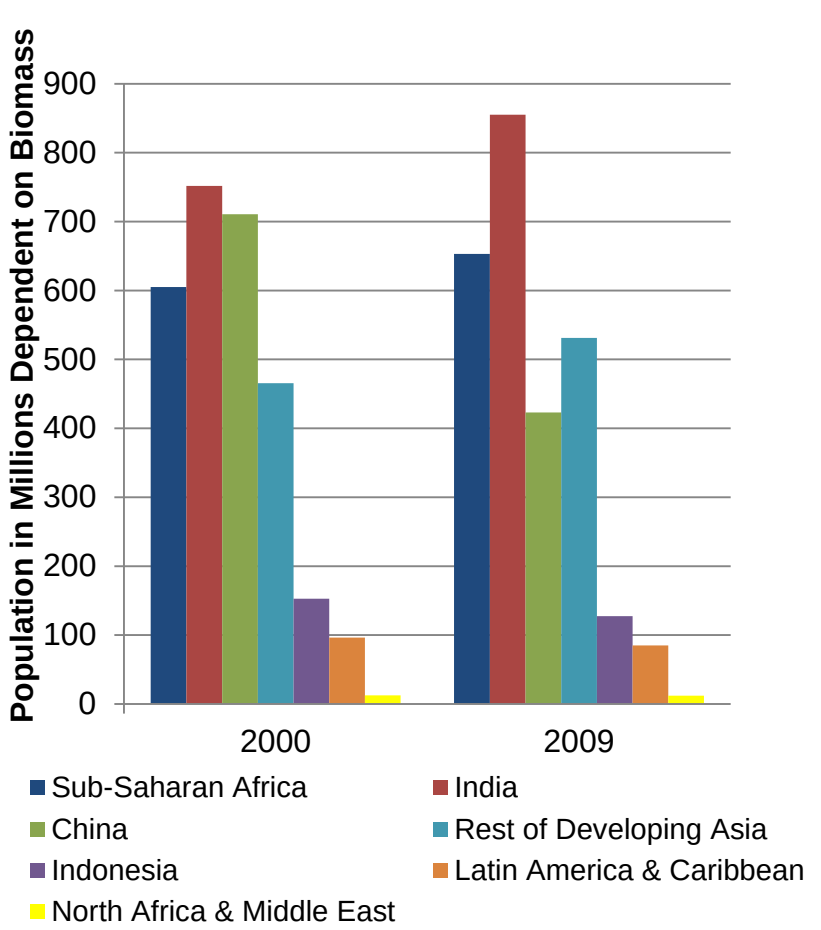
Trend 2000-2010:
Global 79% to 83%
Rural 57% to 70%

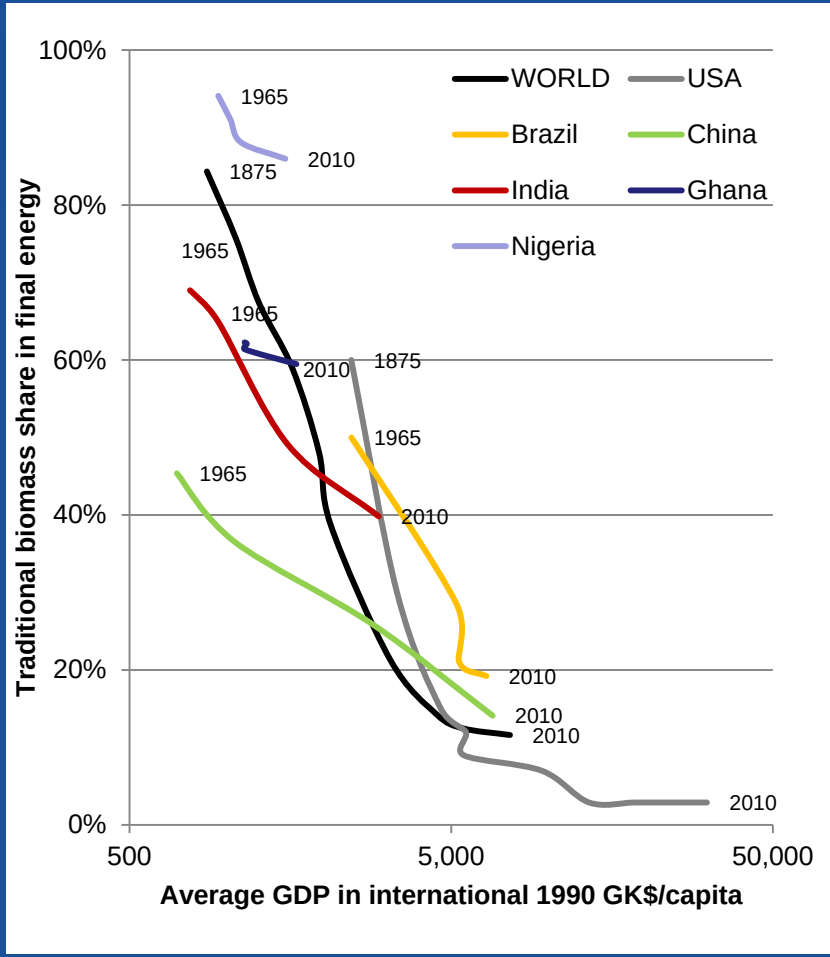
Target by 2030:
100% clean cooking

Current Status:
~40% lack access
65% rural without access

Trend 2000-2010:
Global 54% to 59%
Rural almost unchanged

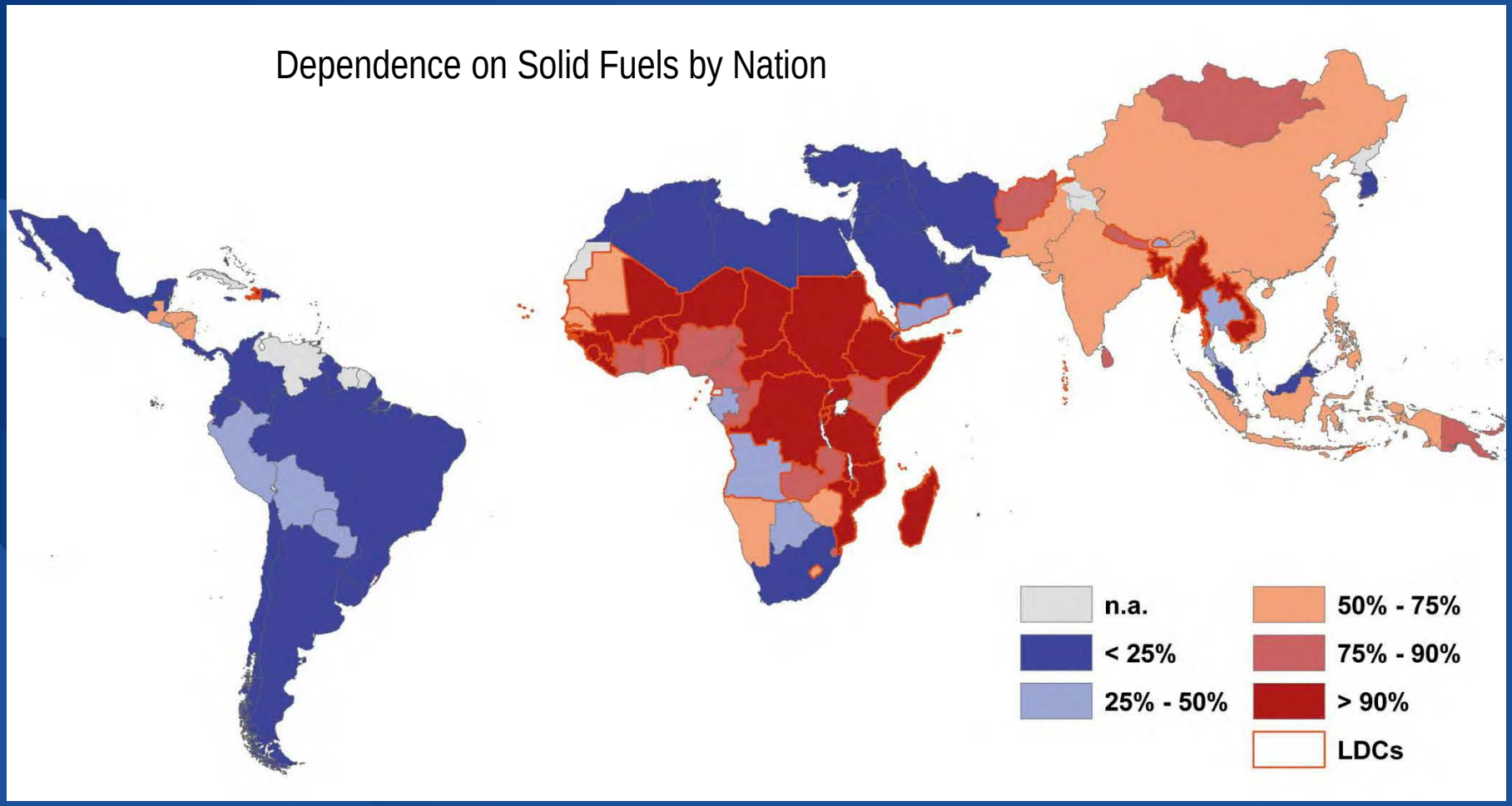
Trends in Traditional Biomass Dependence





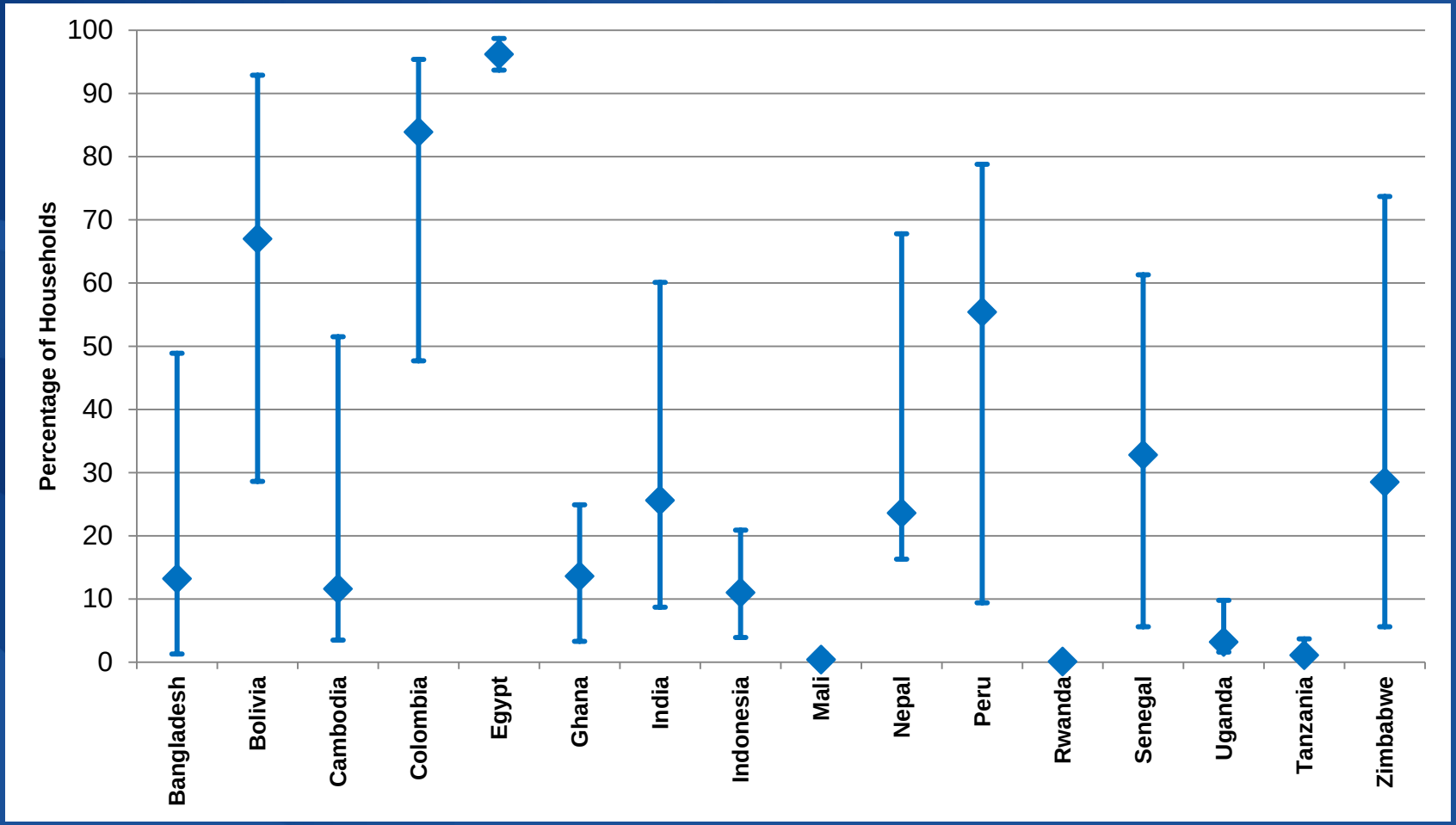
Source: Pachauri et al., 'Energy Access for Development', GEA, 2012, p. 1401-1458.

Current Distribution of Clean Cooking Access Globally



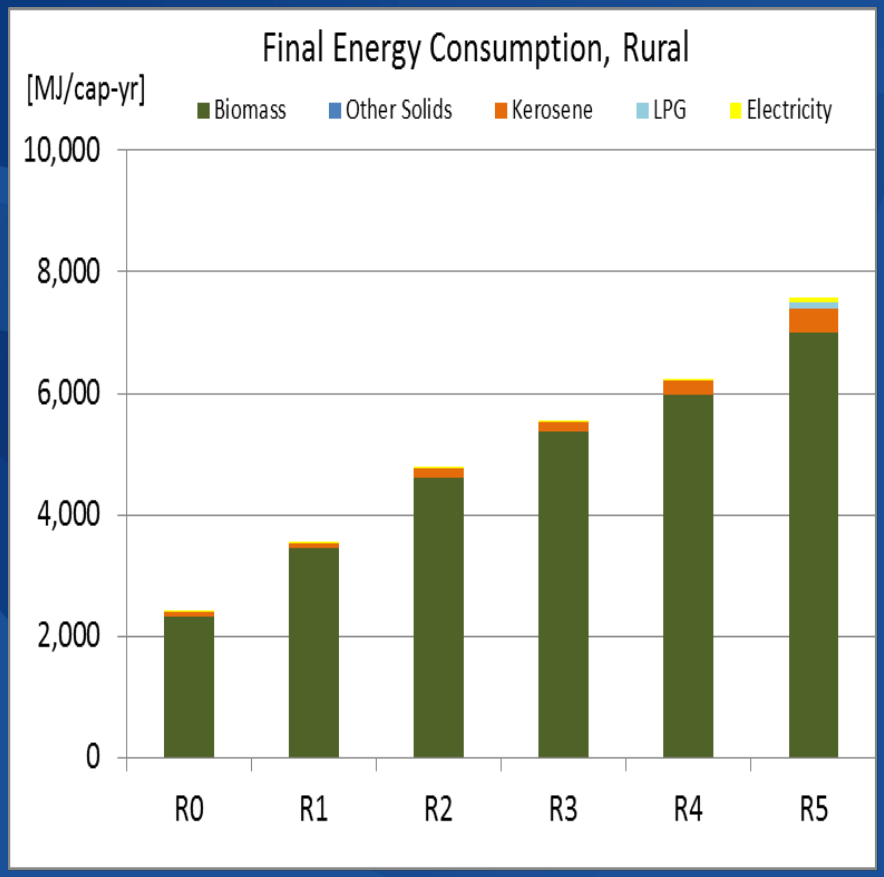
Source: UNDP & WHO 2009

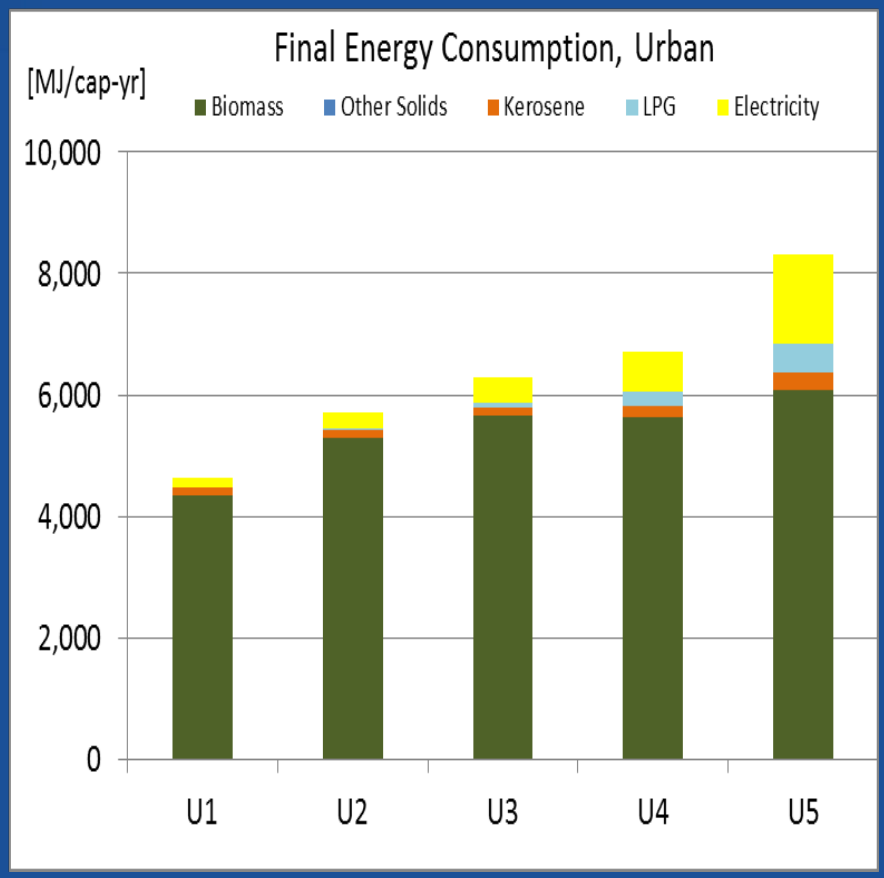
Disparities in Household Access to Gaseous and Electric Cooking



Source: DHS Surveys from 2005 to 2010. Markers represent National Averages, Top of Bar is Urban Average & Bottom of Bar is Rural Average

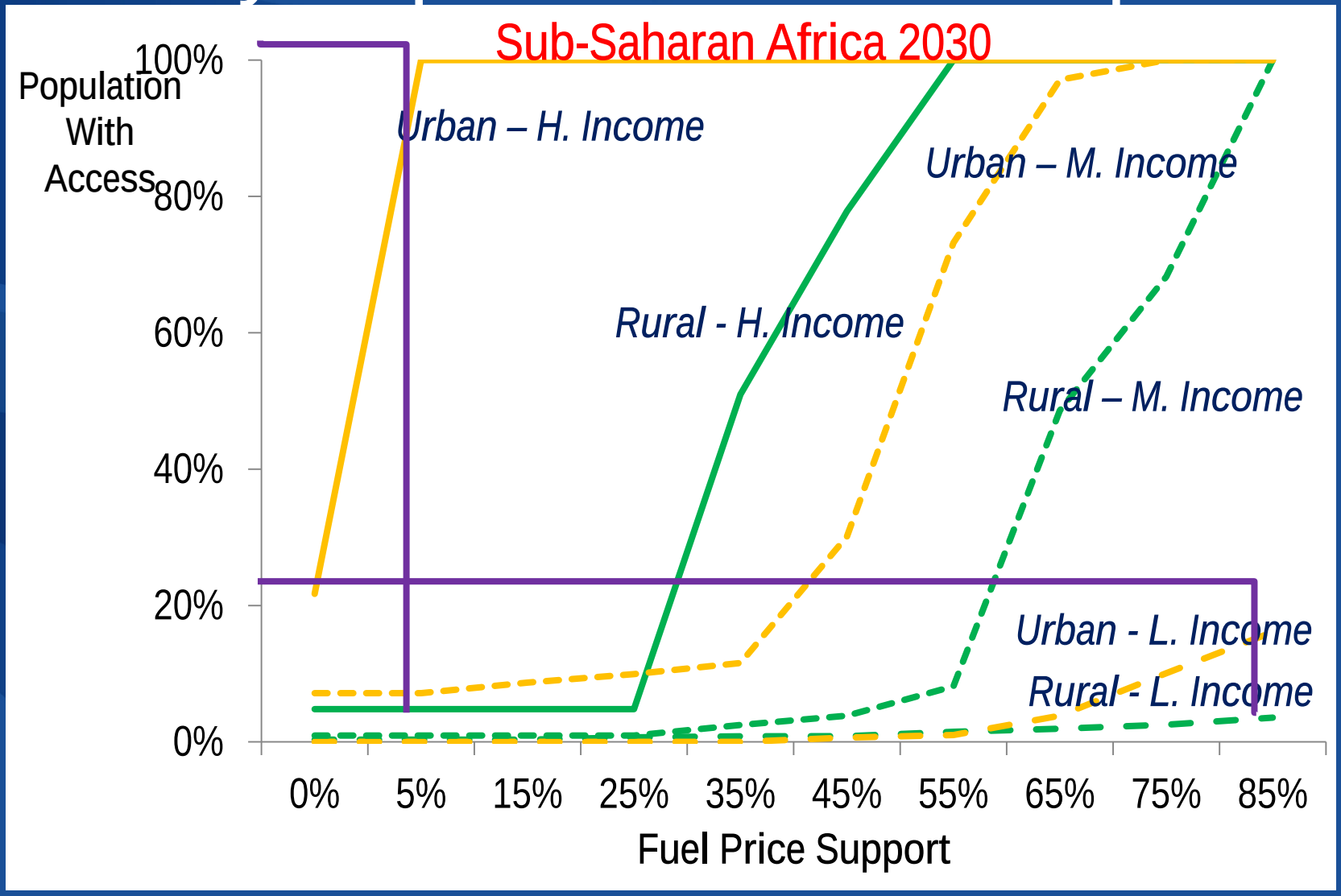
Solid Fuels Dominate Household Final Energy Use E.g.– Ghana 2005





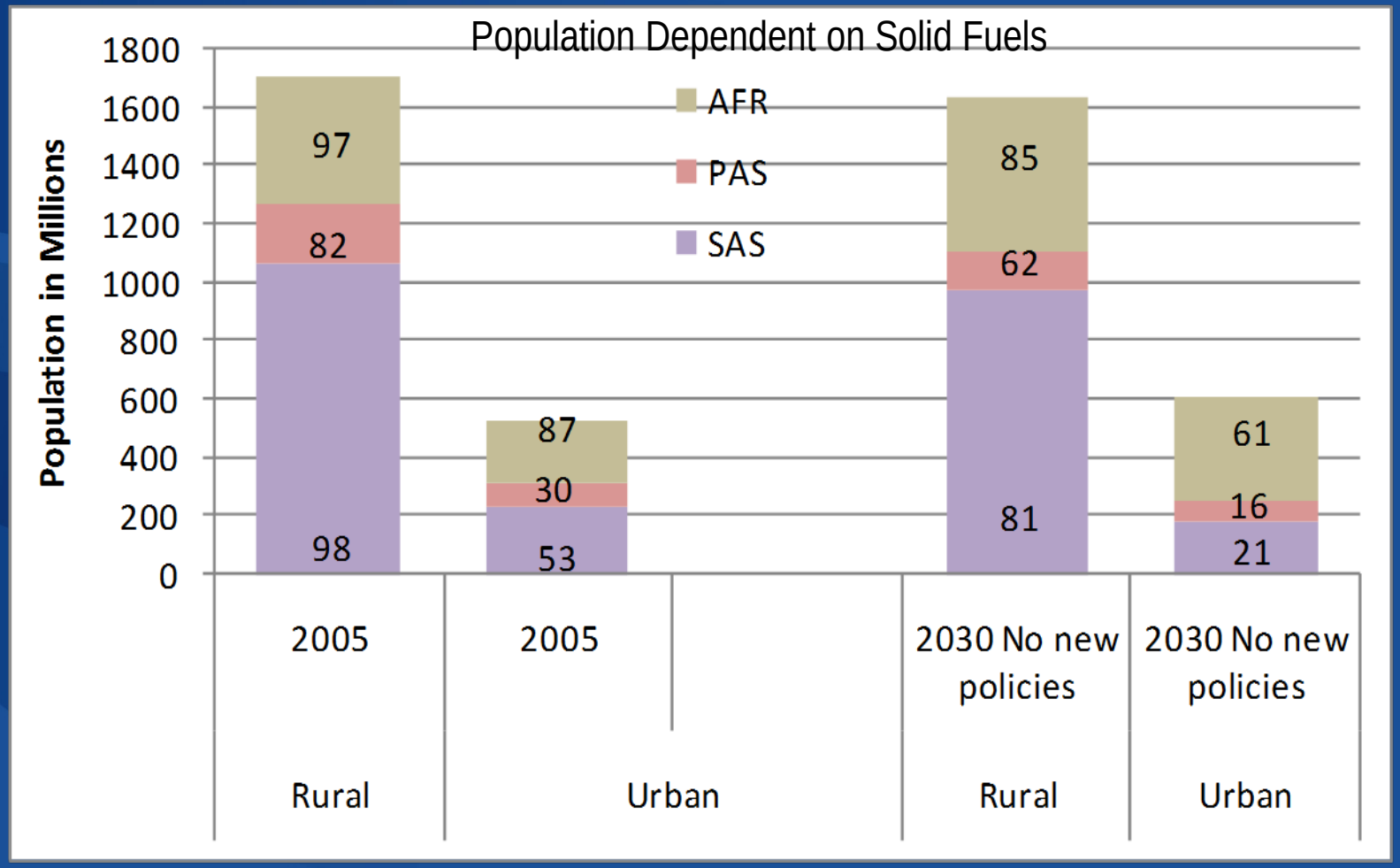
Source: Riahi et al., 'Energy Pathways for Sustainable Development', GEA, 2012, p. 1205-1305.

Affordability of Modern Cooking Fuels by Population Sub-Groups



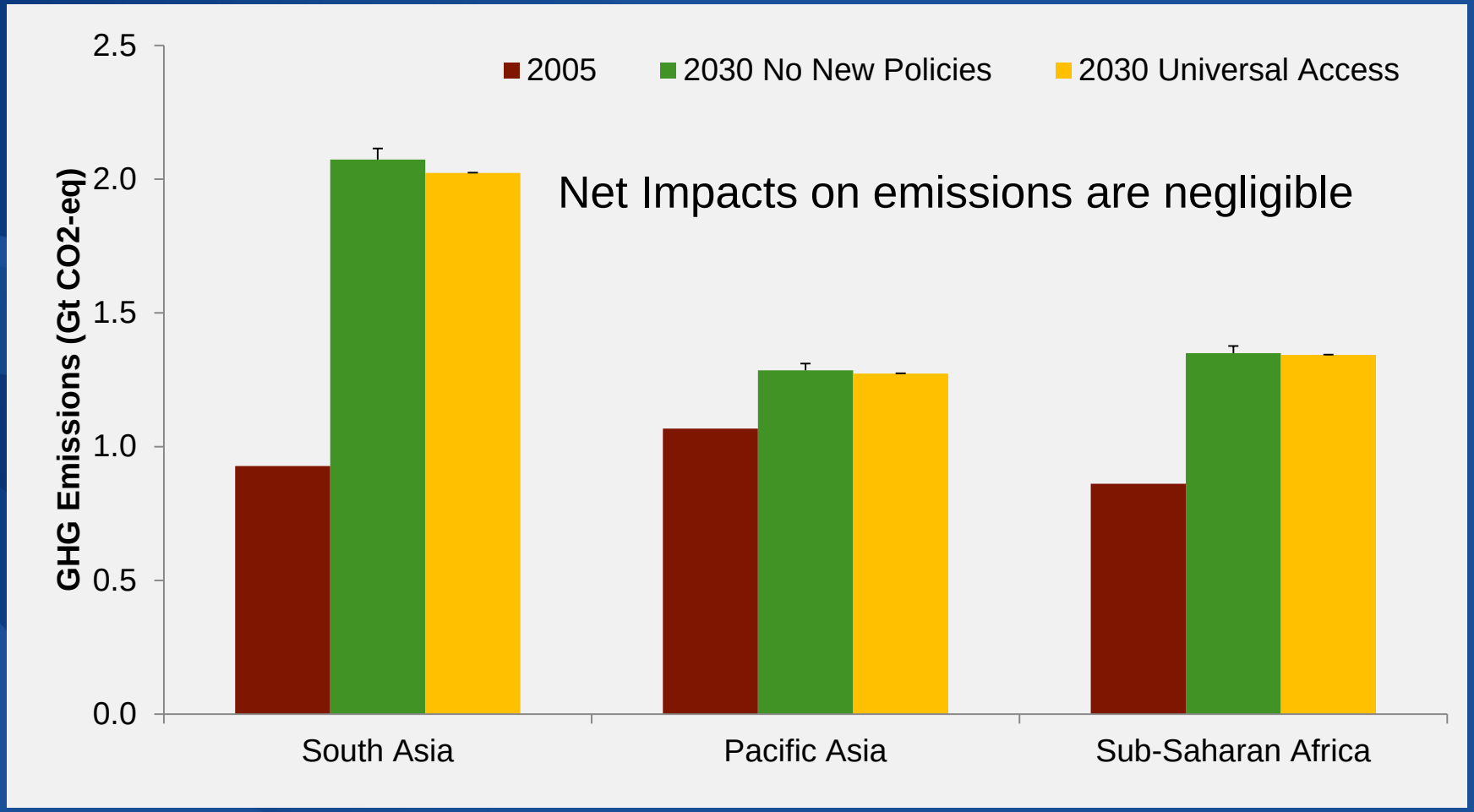
Source: Nagai 2012

Without New Efforts Clean Cooking Access will Worsen by 2030



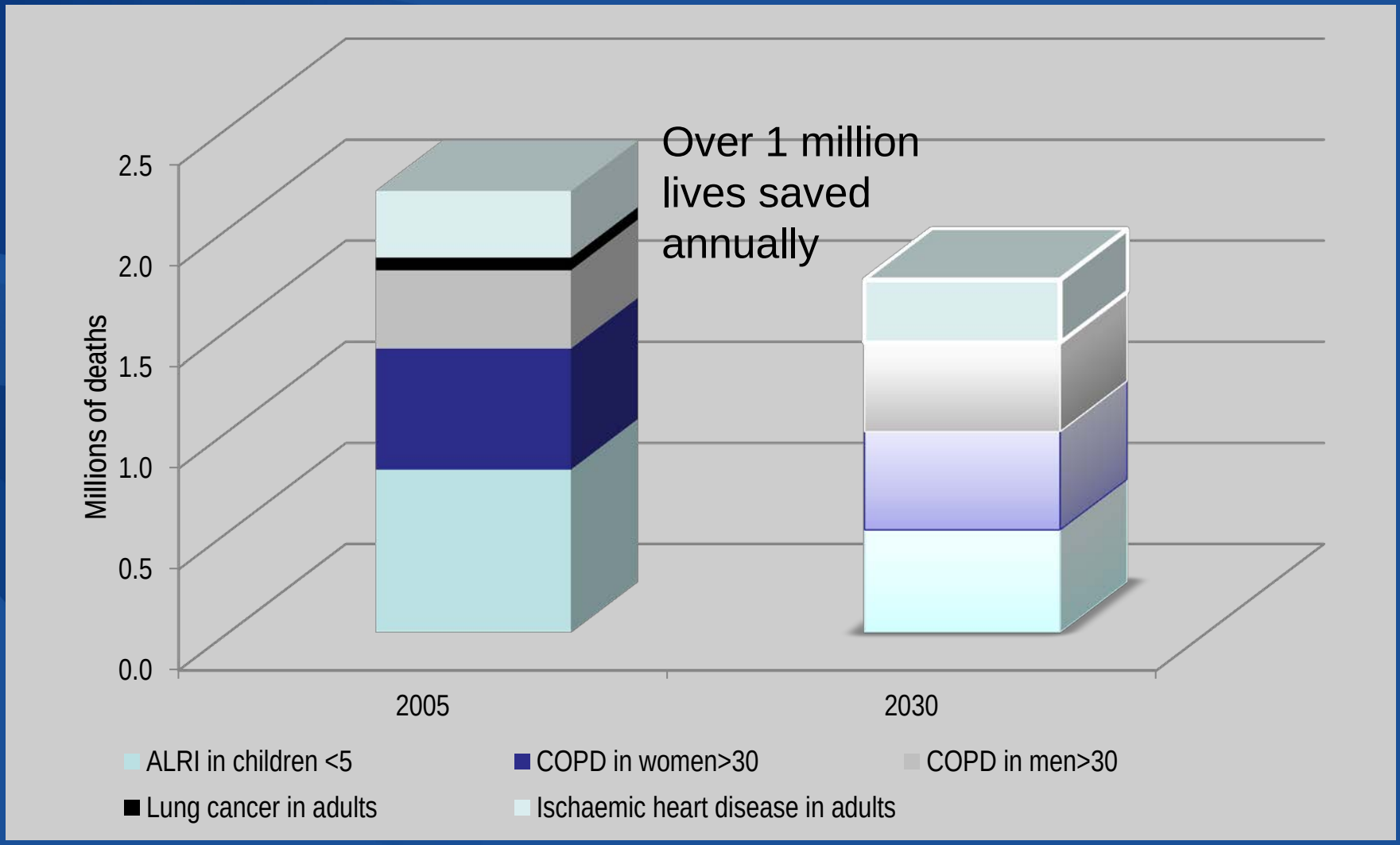
Source: Pachauri et al. 2013

Changes in GHG Emissions Due to Access Policies by Region



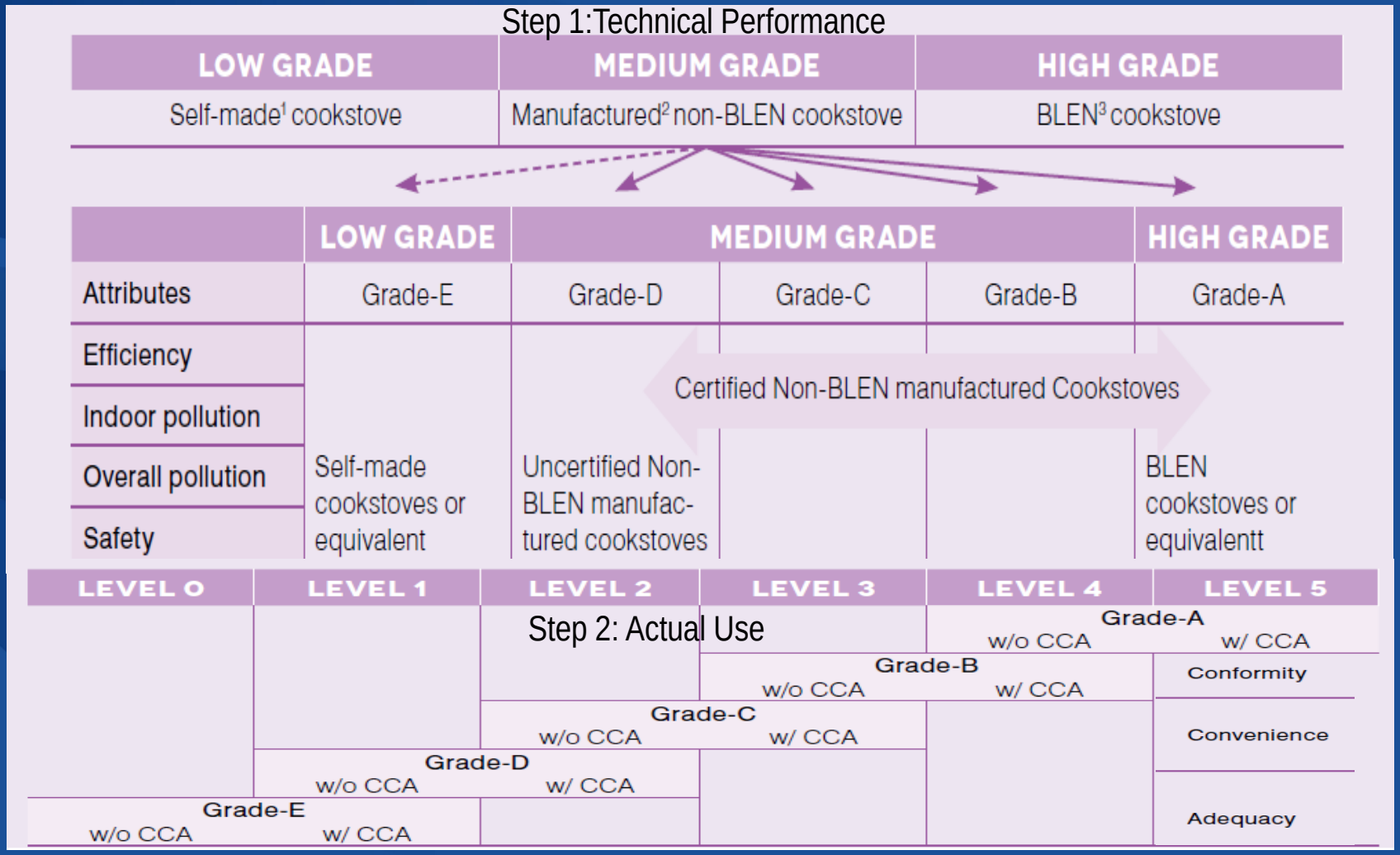
Source: Pachauri et al. 2013

Health Benefits of Access to Modern Cooking – AFR, SAS & PAS



Source: Riahi et al., 'Energy Pathways for Sustainable Development', GEA, 2012, p. 1205-1305.

GTF- Multi-Tier Framework for Measurement of Cooking Solutions



Source: World Bank. 2013

Are we on Track?

- Are we measuring the right things?
  - How will elements of adequacy such as availability, reliability of supply, renewability of biomass and affordability be measured?
- Is the baseline we have today accurate or complete?
- How do we meet the targets?

Thank You